	Application No.	Applicant(s)
Notice of Allowability	09/872,590	SRIVASTAVA ET AL.
	Examiner	Art Unit	
	Satish S. Rampuria	2191	

*-- The **MAILING DATE** of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *10/22/2007*.

2. ☒ The allowed claim(s) is/are *1,6-20,22-32 and 35-37*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *20080122* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

This action is in response to the RCE filed on 10/22/2007.

Claims 1, 6-20, 22-32, 35-37 are allowed.

Claims 2-5, 21, 33-34 are cancelled by this examiners amendment.

Claims 1, 20, 32 are amended by this examiner's amendment.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/22/2007has been entered.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Peter Mei [Reg. No. 39,768] on January 18th, 2008.

In the claims

Please amend claims 1, 20, 32 as follows.

1. (Currently Amended) A computer implemented process for materializing a trace in a markup language syntax, the process comprising:

creating a meta-language grammar;

creating a first trace grammar in which the first trace grammar complies with rules of the meta-language grammar;

creating a second trace grammar wherein the second trace grammar is grammatically different than the first trace grammar wherein there is a detected format difference between the first trace grammar and a second trace grammar and in which the second trace grammar also complies with the rules of the meta-language grammar;

generating one or more traces compliant with the trace grammars, in which a first set of the one or more traces is compliant with the first trace grammar and a second set of the one or more traces is compliant with the second trace grammar, the first set of the one or more traces analyzed for compliance with the first trace grammar;

identifying parsing rules based upon an analysis of the trace grammars;

parsing the one or more traces;

identifying interrelationships within the one or more traces; and

generating a new version of the one or more traces using a markup language syntax.

2-5. (Cancelled)

20. (Currently Amended) A system for materializing a trace having markup language syntax, comprising:

a first mechanism that receives a plurality of trace grammars that are based upon creation of a meta-language grammar,

the plurality of trace grammars complies with rules of the meta-language grammar, wherein the plurality of trace grammars are grammatically different than each other and wherein there is a detected format difference between a first trace grammar and a second trace grammar within the plurality of trace grammars,

the plurality of trace grammars modifiable within rules of a meta-language grammar, a parser to parse a plurality of traces complying with the plurality of trace grammars, in which parsing rules have been identified based upon an analysis of the trace grammars;

the plurality of traces comprises a first set of one or more traces that is compliant with the first trace grammar and a second set of the one or more traces that is compliant with the second trace grammar, the first set of the one or more traces analyzed for compliance with the first trace grammar;

a second mechanism to build one or more semantic networks based upon interrelationships for the plurality of traces; [[and]]

a manifestation mechanism to generate at least one new version of the plurality of traces to include at least one hyperlink based upon the one or more semantic networks; and

a memory for storing data corresponding to the plurality of traces.

21. (Cancelled)

32. (Currently Amended) A computer program product that includes a ~~computer-usable~~ volatile or non-volatile medium having a sequence of instructions which, when executed by a processor, causes said processor to execute a process for materializing a trace in a markup language syntax, said process comprising:

creating a first trace grammar in which the first trace grammar complies with rules of a meta-language grammar;

creating a second trace grammar wherein the second trace grammar is grammatically different than the first trace grammar wherein there is a detected format difference between the first trace grammar and a second trace grammar and in which the second trace grammar also complies with the rules of the meta-language grammar;

generating one or more traces compliant with the trace grammars, in which a first set of the one or more traces is compliant with the first trace grammar and a second set of the one or more traces is compliant with the second trace grammar, the first set of the one or more traces analyzed for compliance with the first trace grammar;

identifying parsing rules based upon an analysis of the trace grammars;

parsing the one or more traces;

identifying interrelationships within the one or more traces; and

generating a new version of the one or more traces using a markup language syntax.

33-34. (Cancelled)

--END--

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satish S. Rampuria whose telephone number is (571) 272-3732. The examiner can normally be reached on 8:30 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y. Zhen can be reached on (571) 272-3708. Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Art Unit 2191

WEI ZHEN
SUPERVISORY PATENT EXAMINER